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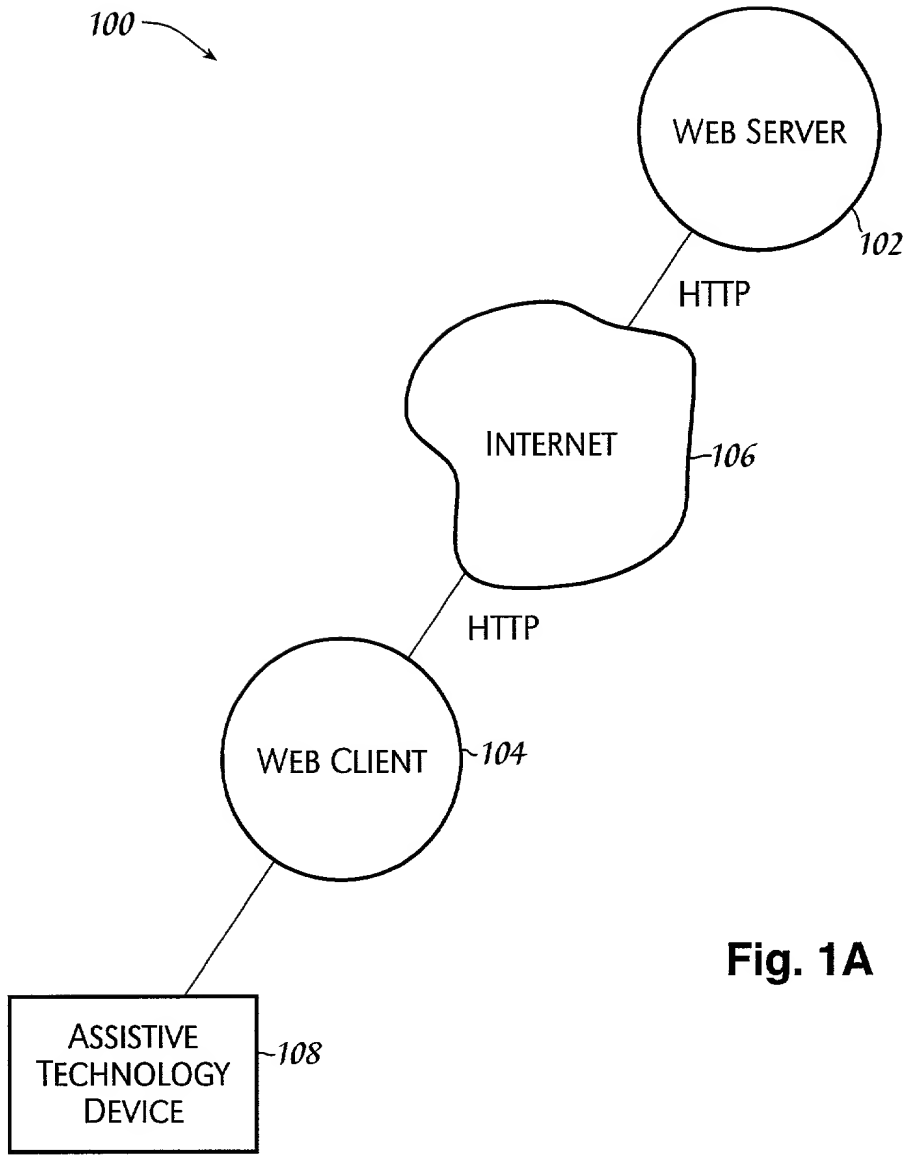
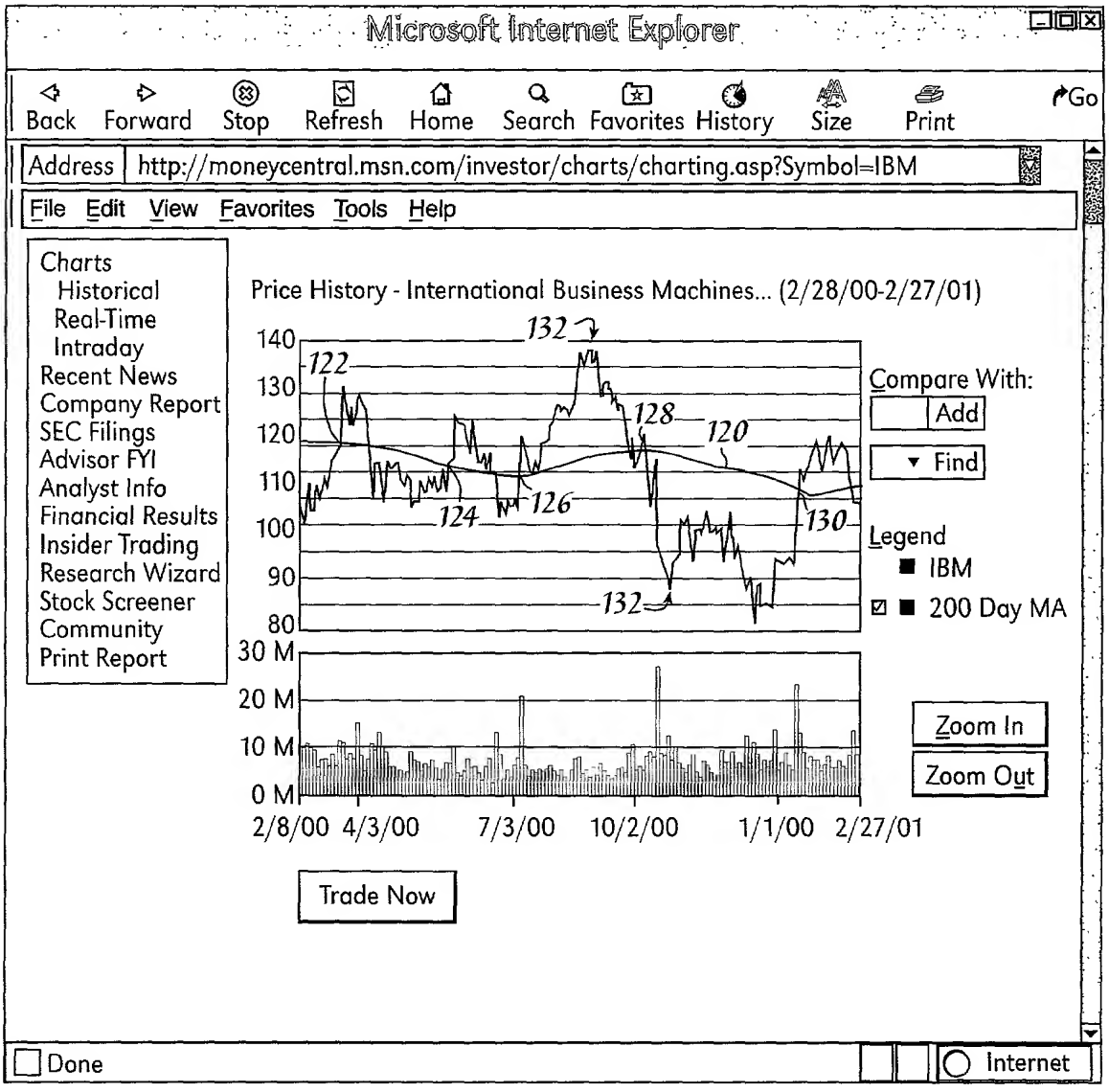


Fig. 1A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Charts
Historical
Real-Time
Intraday
Recent News
Company Report
SEC Filings
Advisor FYI
Analyst Info
Financial Results
Insider Trading
Research Wizard
Stock Screener
Community
Print Report
Price History - International Business Machines... (2/28/00-2/27/01)
140
130
120
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100
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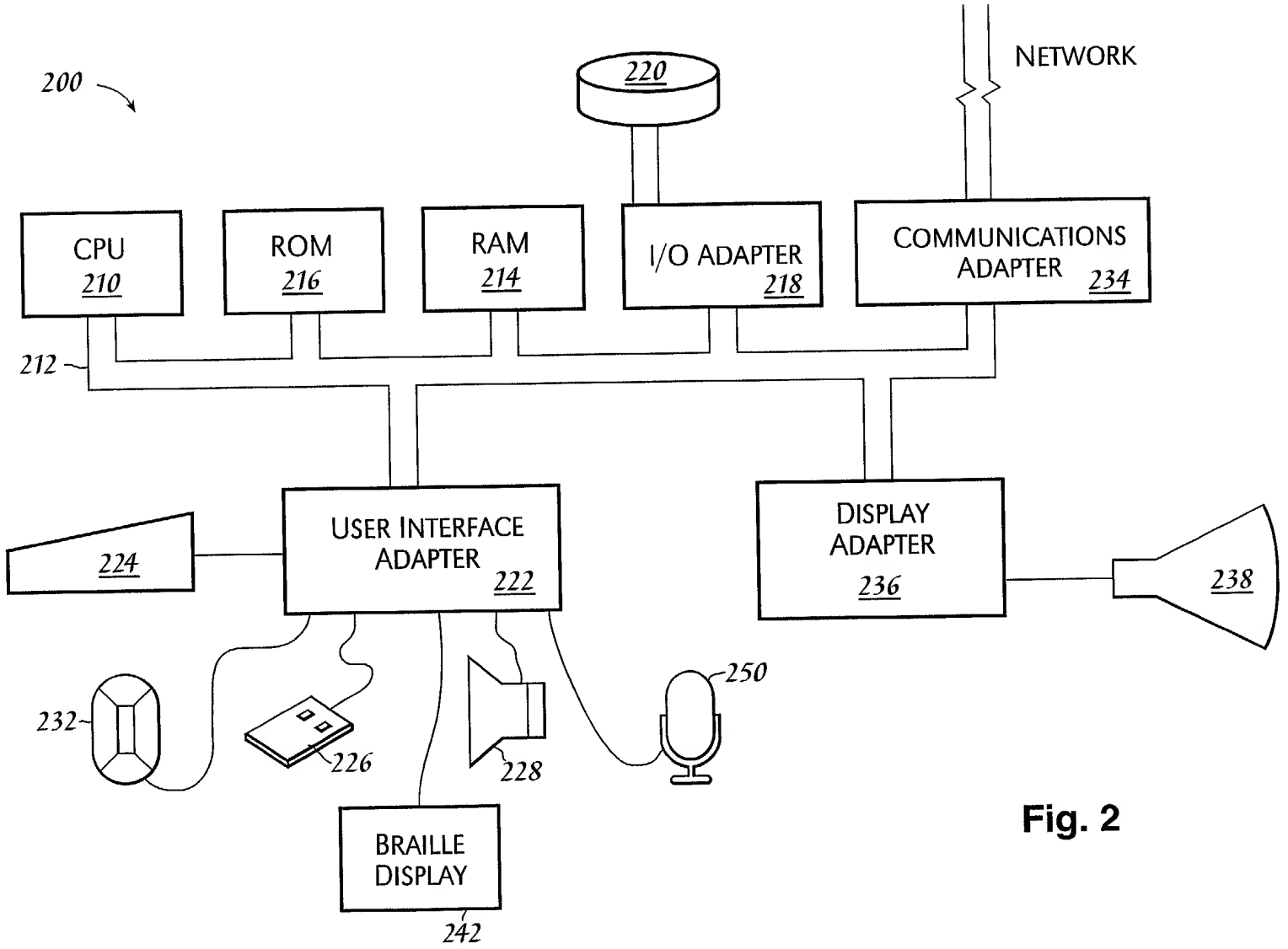
20 M
10 M
0 M
2/8/00 4/3/00 7/3/00 10/2/00 1/1/00 2/27/01
132
122
128
120
124
126
130
132
Compare With:
Add
Find
Legend
IBM
200 Day MA
Zoom In
Zoom Out
Trade Now
Done
Internet

Fig. 1B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220
NETWORK
CPU
210
ROM
216
RAM
214
I/O ADAPTER
218
COMMUNICATIONS
ADAPTER
234
212
224
USER INTERFACE
ADAPTER
222
DISPLAY
ADAPTER
236
238
232
226
228
250
BRAILLE
DISPLAY
242

Fig. 2

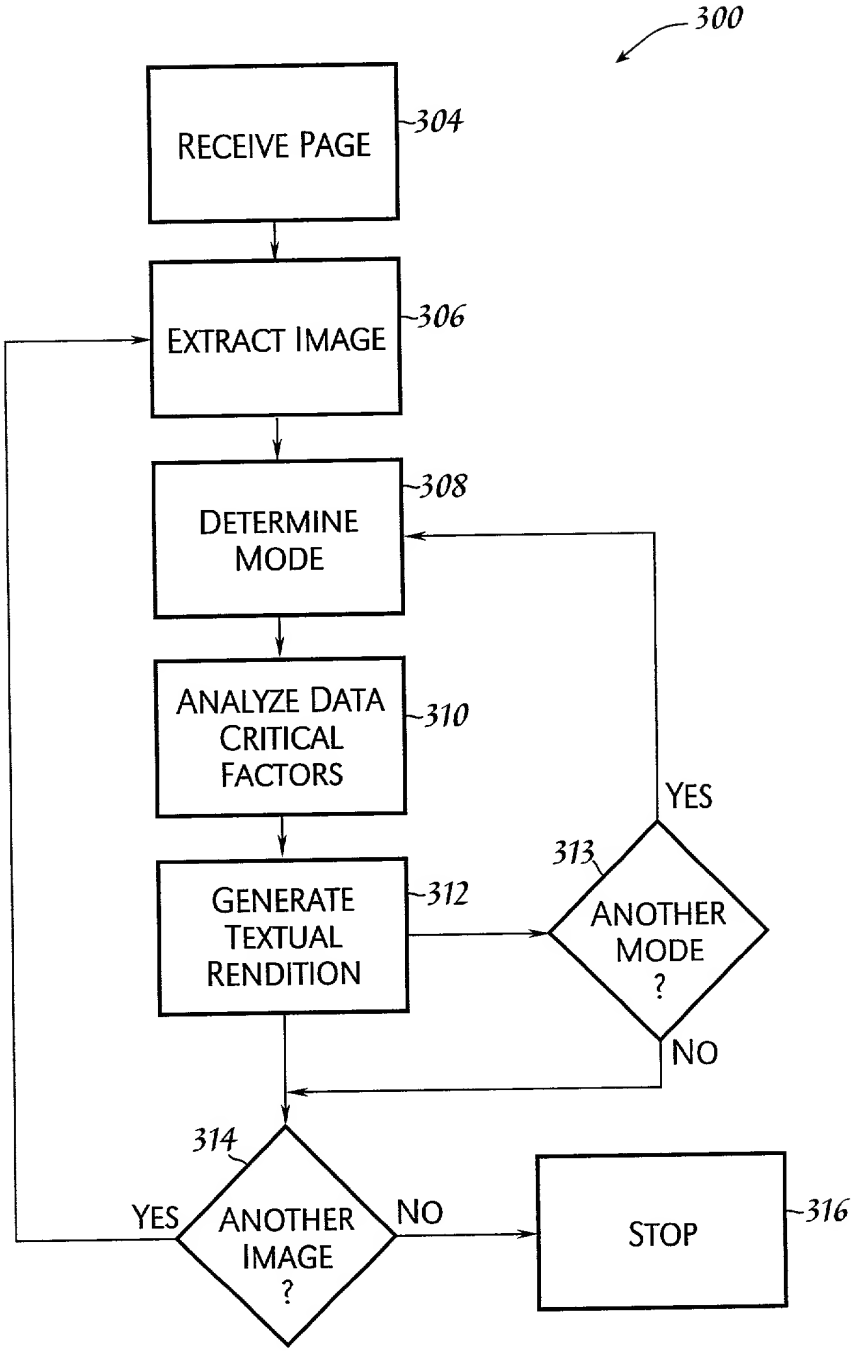
300
RECEIVE PAGE
304
EXTRACT IMAGE
306
DETERMINE MODE
308
ANALYZE DATA CRITICAL FACTORS
310
GENERATE TEXTUAL RENDITION
312
313
ANOTHER MODE ?
YES
NO
314
ANOTHER IMAGE ?
YES
NO
STOP
316

Fig. 3

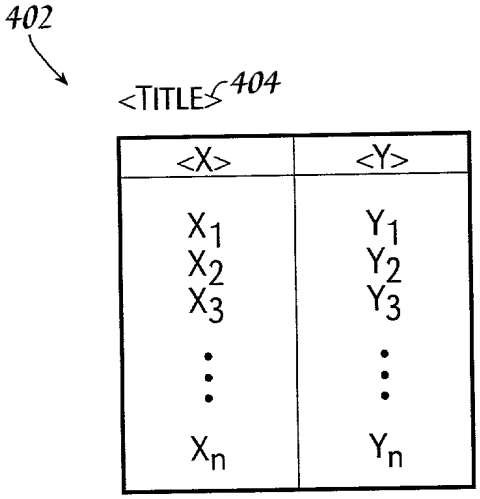

Fig. 4

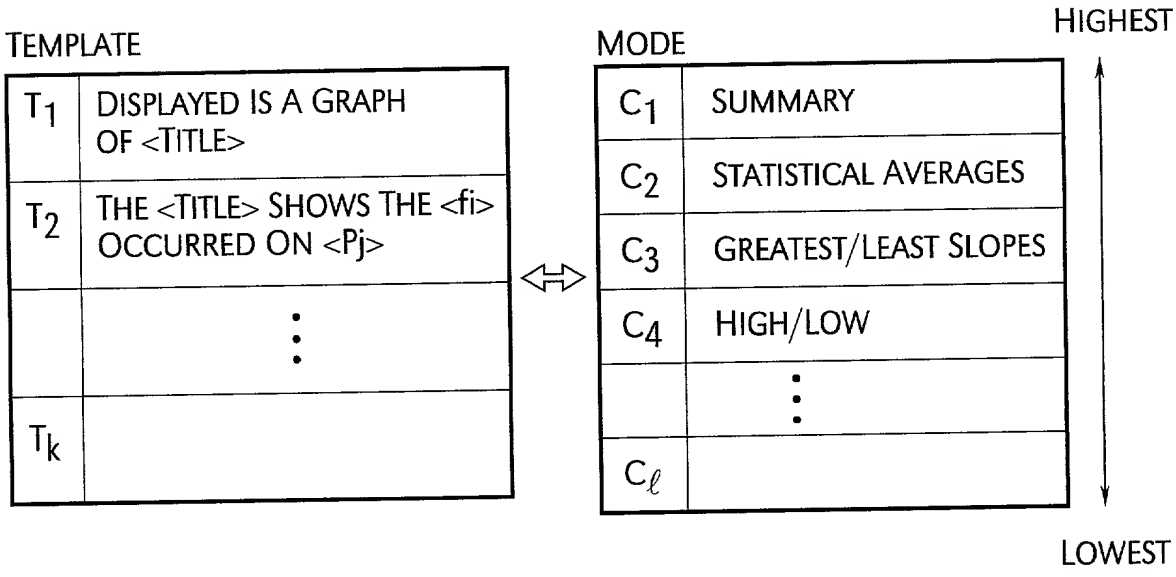

Fig. 5B

Fig. 5A

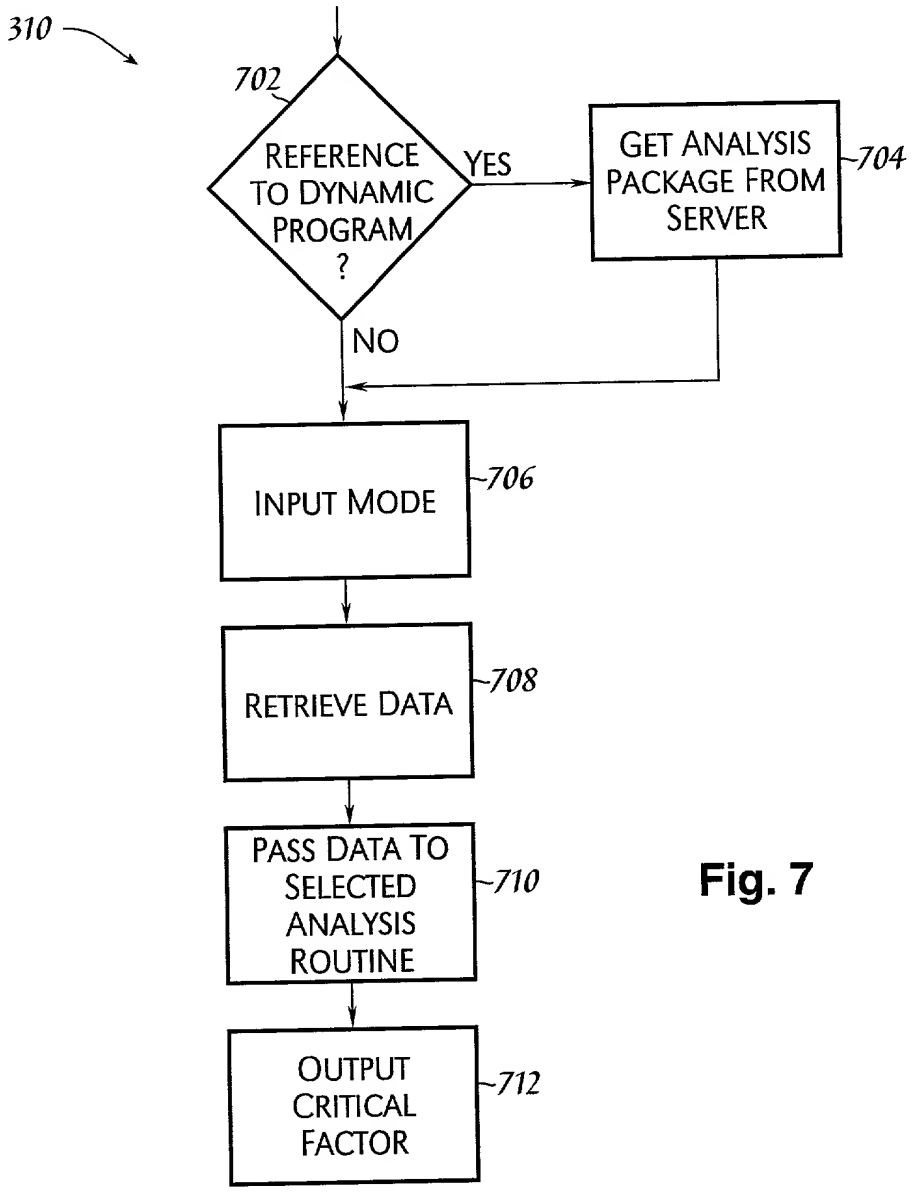
310
702
REFERENCE TO DYNAMIC PROGRAM ?
YES
GET ANALYSIS PACKAGE FROM SERVER
704
NO
INPUT MODE
706
RETRIEVE DATA
708
PASS DATA TO SELECTED ANALYSIS ROUTINE
710
OUTPUT CRITICAL FACTOR
712

Fig. 7

CRITICAL FACTORS

F_1	MAX (PERIOD)
F_2	MIN (PERIOD)
F_3	BREAK ABOVE MOVING AVERAGE
F_4	BREAK BELOW MOVING AVERAGE
F_5	GREATEST (LEAST) SLOPE
	⋮
F_j	

Fig. 6

ANALYSIS ENGINE

MODE	ANALYSIS	CRITICAL FACTOR
C_1	P1: COMPARE PRICE DATA WITH N-DAY MOVING AVERAGE	F4
C_2	P2: OUTPUT GREATEST SLOPE	F5
	⋮	
C_ℓ		

Fig. 8